Application or Docket Number PATENT APPLICATION FEE DETERMINATION RECORD Effective October 1, 2003 CLAIMS AS FILED - PART I **SMALL ENTITY** OTHER THAN (Column 1) (Column 2) TYPE [SMALL ENTITY **TOTAL CLAIMS** RATE FEE RATE FEE FOR NUMBER FILED NUMBER EXTRA BASIC FEE 385.00 BASIC FEE 770.00 OR TOTAL CHARGEABLE CLAIMS minus 20± XS 9= X\$18= OR INDEPENDENT CLAIMS minus 3 = X43= X86= OR MULTIPLE DEPENDENT CLAIM PRESENT +145= +290= OR If the difference in column 1 is less than zero, enter "0" in column 2 TOTAL TOTAL OR CLAIMS AS AMENDED - PART II OTHER THAN 11-23.05 (Column 1) SMALL ENTITY (Column 2) (Column 3) OR SMALL ENTITY CLAIMS HIGHEST 4 REMAINING ADDI-NUMBER ADDI-PRESENT ENDMENT RATE AFTER TIONAL PREVIOUSLY RATE EXTRA TIONAL AMENDMENT PAID FOR FEE FEE Total XS E 16 Minus XST OR Independent Minus X FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM OR . +145= +290= OB TOTAL TOTAL OR ADDIT FEE ADDIT. FEE 19-00 (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST 0 REMAINING ADDI-NUMBER PRESENT ADDI-AMENDMENT AFTER PREVIOUSLY RATE TIONAL **EXTRA** RATE TIONAL AMENDMENT PAID FOR FEE Æ Total Minus X\$ 9= X\$18= OR Independent Minus X43= XBG= FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM OR +145= +290= OR TOTAL TOTAL OR ADDIT, FEE ADOIT, FEE (Column 1) (Column 2) (Cotumn 3) CLAIMS HIGHEST O REMAINING NUMBER ADDI-PRESENT ADDI-- AFTER in te rem -PREVIOUSLY RATE FIGNAL DORAG INCOMA! ENDMER PATE: AMENDMENT PAID FOR FEE Total Minus X\$Æ X\$18= OR Independent X43= X86= FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM OR +145± OR +290= * If the entry in column 1 is less than the entry in column 2, write "0" in column 3. ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." ***If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3." TOTAL TOTAL OR ADDIT. FEE ADDIT, FEE The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1. FORM PTO-678 (Rev. 10/03) Patent and Tradement Office, U.S. DEPARTMENT OF COMMERCE

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